Edited on 25/02/2021

Chasselas B



Name of the variety in France

Chasselas

Origin

This variety would seem to originally be from Burgundy or from Switzerland.

Synonyms

In France, this variety can officially be called "Chasselas doré" regarding plant propagation material. In the European Union, Chasselas is officially called by other names: Bela zlahtnina (Slovenia), Chasselas dorato (Italy), Chrupka bila (Czech Republic), Gutedel (Austria), Weisser Gutedel (Germany) and Plemanka bijela (Croatia).

Legal information

In France, Chasselas is oficially listed in the "Catalogue of vine varieties" on the A list. It is classified as a wine grape variety only in some French department (see the regulations in force). This variety is also listed in the catalogues of other Member States of the European Union: Belgium, Bulgaria, Hungary, Italy, Portugal, Romania, Slovenia and Spain.

Use

Wine and table grape variety.

Evolution of cultivated areas in France

	1958	1988	1998	2008	2018
ha	24400	11040	3595	2615	958

Surfaces declared as wine grapes only.

Descriptive elements

The identification is based on:
- the tip of the young shoot with a low to medium density of prostate hairs,
- the reddish young leaves,
- the shoots with very long tendrils,
- the light green pentagonal adult leaves, with five lobes, a slightly open petiole sinus, short to medium teeth compared to their width at the base with convex sides, and on the lower side of the leaves, a medium density of erect hairs,

- the round-shaped berries.

Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	131	225	239	182	194	252	240	216	239
Allel 2	141	234	247	186	204	260	254	267	239

Phenology

Bud burst (average over 50 years at the Domaine de Vassal): March 21st.
Grape maturity (average over 50 years at the Domaine de Vassal): early-season (by definition), August 14th.

Suitability for cultivation and agronomic production

This variety can be managed with short or long pruning. Depending on climatic conditions, it is sometimes susceptible to millerandage. It is also rather susceptible to magnesium deficiency (especially in potassium-rich soils) and to dessication of the stems.

Susceptibility to diseases and pests

Chasselas is not very susceptible to grey rot and mites. On the other hand, it is sensitive to powdery mildew, phomopsis and eutypa dieback.

Technological potentiality

The bunches and berries are medium in size. The skin is thin, the pulp is soft and juicy with a pleasant taste. Chasselas has a good storage and transport capacity. Wines produced from Chasselas are rather fine, but often rather neutral in terms of aromatic potential and sometimes lack acidity.

Clonal selection in France

The thirty-three certified Chasselas table grapes clones carry the numbers 16, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 201, 303, 532, 887, 889, 890, 891, 1221, 1222 and 1234. The three certified Chasselas wine grapes clones carry the numbers 60, 110 and 158. A conservatory of more than 100 clones was planted in 2001 in the wine-growing region of Moissac (French department of Tarn-et-Garonne).

Bibliographic references

- Catalogue des variétés et clones de vigne cultivés en France. Collectif, 2007, Ed. IFV, Le Grau-du-Roi, France.
- Documentary collections of the Centre de Ressources Biologiques de la Vigne de Vassal-Montpellier, INRAE - Montpellier SupAgro, Marseillan, France.
- Dictionnaire encyclopédique des cépages et de leurs synonymes. P. Galet, 2015, Ed. Libre&Solidaire, France.
- Traité général de viticulture, Ampélographie. P. Viala and V. Vermorel, 1901-1909, Ed. Masson, Paris, France.

Description of clones certified in France

	Identity and availability		Agronomic data		Technological data	
Clone no.	*Origin*	*Selection*	*Fertility*	*Production level*	*Sugar level*	*Color potential*
	Year of certification	*Agronomic references*	*Bunch weight*	*Vigor*	*Titrable acidity*	*Tannic structure*
	Surface area used for propagation (year)		*Berry size*	*Susceptibility to grey rot*	*Aromatic intensity*	*Oenological suitability*
16	Tarn-et-Garonne	INRA		medium to high		
	1971	Sud-Ouest	medium			
			medium			
ENTAV INRA®						
19	Tarn-et-Garonne	INRA		low to medium		
	1971	Sud-Ouest	low			
			medium			
ENTAV INRA®						
20	Tarn-et-Garonne	INRA		low to medium		
	1971	Sud-Ouest				
			medium			

	Identity and availability		Agronomic data		Technological data	
Clone no.	*Origin*	*Selection*	*Fertility*	*Production level*	*Sugar level*	*Color potential*
	Year of certification	*Agronomic references*	*Bunch weight*	*Vigor*	*Titrable acidity*	*Tannic structure*
	Surface area used for propagation (year)		*Berry size*	*Susceptibility to grey rot*	*Aromatic intensity*	*Oenological suitability*
ENTAV INRA®						
21	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
22	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
23	Tarn-et-Garonne	INRA		medium to high		
	1971	Sud-Ouest	medium			
			medium			
ENTAV INRA®						
24	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
25	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
26	Tarn-et-Garonne	INRA		high		
	1971	Sud-Ouest	high			
			medium			
ENTAV INRA®						
27	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
28	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
29	Tarn-et-Garonne	INRA		low to medium		
	1971	Sud-Ouest	medium			
			medium			
ENTAV INRA®						
30	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
31	Tarn-et-Garonne	INRA		medium		
	1971	Sud-Ouest	medium			
			low to medium			
ENTAV INRA®						
32	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
33	Tarn-et-Garonne	INRA		high		
	1971	Sud-Ouest	medium			
			medium			
ENTAV INRA®						
34	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						

Clone no.	Identity and availability		Agronomic data		Technological data	
	Origin	*Selection*	*Fertility*	*Production level*	*Sugar level*	*Color potential*
	Year of certification	*Agronomic references*	*Bunch weight*	*Vigor*	*Titrable acidity*	*Tannic structure*
	Surface area used for propagation (year)		*Berry size*	*Susceptibility to grey rot*	*Aromatic intensity*	*Oenological suitability*
35	Tarn-et-Garonne	INRA		low to medium		
	1971	Sud-Ouest	medium			
			low to medium			
ENTAV INRA®						
36	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
37	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
38	Tarn-et-Garonne	INRA				
	1971	Sud-Ouest				
ENTAV INRA®						
39	Tarn-et-Garonne	INRA		medium		
	1971	Sud-Ouest	medium			
			medium			
ENTAV INRA®						
40	Tarn-et-Garonne	INRA		high		
	1971	Sud-Ouest	high			
			medium			
ENTAV INRA®						
60	Haut-Rhin	INRA				
	1971	Alsace Savoie				
ENTAV INRA®						
	clone destined for the production of wine grapes					
110	Nièvre	INRA				
	1971	Centre Savoie				
ENTAV INRA®						
	clone destined for the production of wine grapes					
158	Nièvre	INRA				
	1972	Centre Savoie				
ENTAV INRA®						
	clone destined for the production of wine grapes					
201	Gard	ENTAV				
	1973	Sud-Ouest				
ENTAV INRA®						
303	Gard	ENTAV				
	1973	Sud-Ouest				
ENTAV INRA®						
532	Gard	ENTAV				
	1976	Sud-Ouest				
ENTAV INRA®						
887	Tarn-et-Garonne	INRA				
	1987	Sud-Ouest				
ENTAV INRA®						
889	Tarn-et-Garonne	INRA				

	Identity and availability		Agronomic data		Technological data	
Clone no.	*Origin*	*Selection*	*Fertility*	*Production level*	*Sugar level*	*Color potential*
	Year of certification	*Agronomic references*	*Bunch weight*	*Vigor*	*Titrable acidity*	*Tannic structure*
	Surface area used for propagation (year)		*Berry size*	*Susceptibility to grey rot*	*Aromatic intensity*	*Oenological suitability*
1987	Sud-Ouest					
ENTAV INRA®						
890	Tarn-et-Garonne	INRA				
	1987	Sud-Ouest				
ENTAV INRA®						
891	Tarn-et-Garonne	INRA				
	1987	Sud-Ouest				
ENTAV INRA®						
1221	Tarn-et-Garonne	GVA Moissac - IFV	medium	high	high	
	2014	Sud-Ouest	medium to high	medium	low to medium	
			medium to high	medium		
ENTAV INRA®						
1222	Tarn-et-Garonne	GVA Moissac - IFV	medium	medium	high	
	2014	Sud-Ouest	low to medium	medium	low to medium	
			low to medium	medium		
ENTAV INRA®						
1234	Tarn-et-Garonne	GVA Moissac - IFV	medium	medium to high	medium to high	
	2015	Sud-Ouest	medium to high	medium	low to medium	
			medium	medium		
ENTAV INRA®						